



## Xi'an Green Spring Technology Co.,Ltd

### CERTIFICATE OF ANALYSIS

Product Name	L-Arabinose		
CAS No.	5328-37-0		
Molecular Formular	C5H10O5		
Batch Number	2024081701GS	Manufacture Date	Aug.17,2024
Analysis Date	Aug.20,2024	Expiry Date	Aug.16,2026
Item of Analysis	Specification	Results	Test Methods
Assay	99%-101%	99.5	HPLC
Organoleptic			
Appcarance	Powder	Conforms	Organoleptic
Color	White crystalline powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2010
Taste	Characteristic	Conforms	CP2010
Physical Characteristics			
Melting point	154~160°C	Conforms	CP2010
Specificoptical rotation	+102°~105°	Conforms	
Loss on Drying	≤0.5%	0.01%	USP<731>
Residue on ignition	≤0.1%	0.002%	USP<561>
Bulk Density	45-60g/100mL	52g/100mL	CP2010IA
Heavy metals			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead(Pb)	1ppm NMT	Conform	ICP-MS
Arsenic(As)	1ppm NMT	Conform	ICP-MS
Cadmium(Cd)	1ppm NMT	Conform	ICP-MS
Mercury(Hg)	0.5ppm NMT	Conform	ICP-MS
Microbiological Tests			
Total Plate Count	1000cfu/g Max	Conform	USP<61>
Yeast&Mold	300cfu/g Max	Conform	USP<61>
E.Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>
Conclusion:Conform with specification.			
Storage: Keep in cool & dry place. Keep away from strong light and heat.			
Packing: By 25kgs/Drum,inner by plastic bag.			
Shelf life: Two Years under the above condition, and in it's original package.			

Quality Assurance: Liang Yan

